

**SONY**

3-756-903-21(1)



# ***Telephone Answering Machine***

***TAM-1000***

## ***Operating Instructions***

***Before operating the unit, please read this manual  
thoroughly and retain it for future reference.***

***The table of contents is located on page 9.***

# Owner's Record

The model and the serial numbers are located at the bottom of the unit. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. TAM-1000

Serial No. \_\_\_\_\_

## WARNING

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**

**To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.**

## IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or

(continued)

other similar surface. This product should never be placed near or over a radiator or heat register.

This product should not be placed in a built-in installation unless proper ventilation is provided.

7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - A. When the power cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  - E. If the product has been dropped or the cabinet has been damaged.
  - F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.

## **SAVE THESE INSTRUCTIONS**

**CAUTION: TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS BY BATTERY, READ AND FOLLOW THESE INSTRUCTIONS.**

1. Use only the following type and size batteries: LR03 (SIZE AAA) x 4
2. Do not dispose of the batteries in a fire.  
The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the batteries.  
Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and key.  
The battery or conductor may overheat and cause burns.
5. Do not attempt to recharge the batteries provided with or identified for use with this product. The batteries may leak corrosive electrolyte or explode.
6. Do not attempt to rejuvenate the batteries provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.
7. When replacing batteries, all batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the discharged batteries.
8. When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging, and that may result in leakage or explosion.
9. Remove the batteries from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.
10. Discard "dead" batteries as soon as possible since "dead" batteries are more likely to leak in a product.
11. Do not store this product, or the batteries provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.

## **CAUTION**

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

## **Note**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

# IMPORTANT INSTRUCTIONS TO USERS

Your TAM-1000 model has been approved by the Federal Communications Commission (FCC) as not being harmful to the telephone network when connected directly to the telephone lines. In order to fully comply with the Rules of the FCC, the following instructions should be read carefully and followed completely where applicable:

- 1 The FCC rules require that all direct connection to the telephone lines must be made through standard plugs and jacks.  
No connection can be made to party lines or coin lines. Prior to connecting your device to the line:
  - a) Upon request from your telephone company, you must provide the 14 digit FCC Registration Number and Ringer Equivalence Number (REN), both of which are on a label located on an outer surface of the device.
  - b) After the telephone company has installed the jack, you can connect your TAM-1000 model by inserting the mating plug of your equipment into this jack.
  - c) All repairs must be accomplished as described in the "Service requirements".
  - d) The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
- 2 If it appears that your TAM-1000 model is malfunctioning, it should be disconnected from the telephone line until it can be determined whether your TAM-1000 model is the source of the trouble or not. If your equipment needs repair, it should not be reconnected until such repairs have been made.
- 3 If harm does occur, the telephone company shall, where practicable, notify you, the customer, that temporary discontinuance of service may be required; however, where prior notice is not practicable, the

(continued)

telephone company may temporarily discontinue service forthwith, if such action is reasonable in circumstances. In case of such temporary discontinuance, the telephone company shall (1) promptly notify you, the customer, of such temporary discontinuance (2) afford you, the customer, the opportunity to correct the situation which gave rise to the temporary discontinuance, and (3) inform you, the customer, of your right to bring a complaint to the Commission pursuant to the procedures set forth in the Rules.

Procedures for filing the complaints can be obtained from your local dealer, or if necessary, by writing directly to the manufacturer.

## **SERVICE REQUIREMENTS**

If your TAM-1000 model should malfunction, all repairs will be performed by an authorized Sony service representative. This unit has been registered within the FCC for direct connection to the telephone network. Under the FCC program, no customer is authorized to repair this unit. This applies to a unit in and out of warranty. If an unauthorized repair is performed, the registration of the unit for direct connection to the network will be null and void. If the unit is still in warranty, the remainder of the warranty period will also be null and void.

It is the responsibility of users requiring service to report the need for service to their Sony dealer.

## **IMPORTANT INSTALLATION INSTRUCTIONS**

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in a wet location unless the jack is specifically designed for wet location.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

# Features

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**Congratulations on your purchase of the Sony TAM-1000 Telephone Answering Machine. This answering machine comes with a variety of features, among them are:**

- **all-digital recording and storing of messages so there is no tape to break or wear out and message access is quick**
- **voice menus to guide you in operating the answering machine**
- **a digital message shuttle for easy control of playback of messages**
- **recording of memo messages as reminders for yourself or other users of this answering machine**
- **the ability to deliver an outgoing message (e.g. after business hours, "please call at a later time") without accepting incoming messages**
- **voice time/day stamp of each message**
- **controlling of the answering machine when you are away from home**



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## Other information

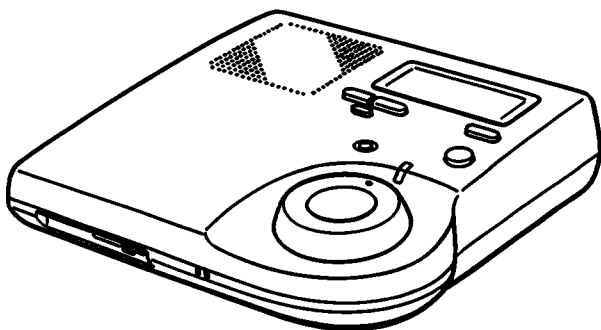
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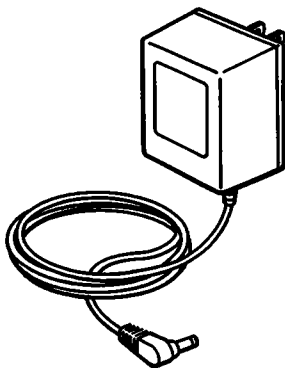
**Before operating the answering machine**

## **Checking the package contents**

Make sure the following items are included in the package. If anything is missing, contact your local Sony dealer.



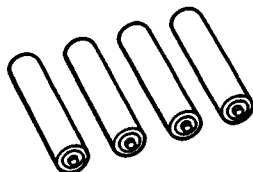
**TAM-1000**



**AC power adaptor  
(AC-T62)**



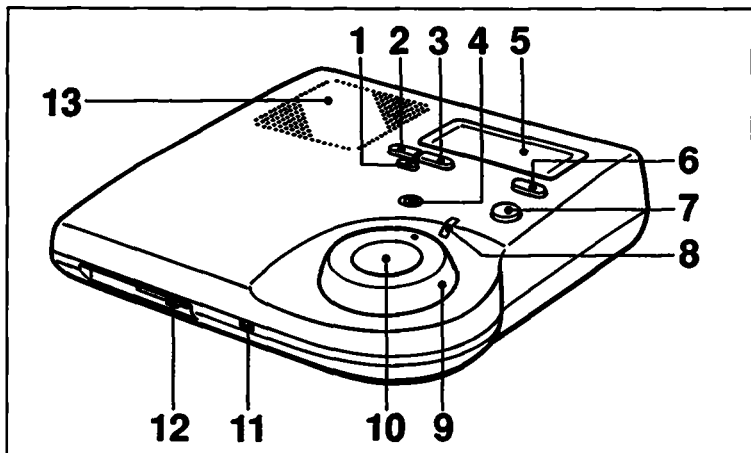
**Telephone line cord**



**Size AAA (R03)  
batteries (4)**

# Identifying the parts

See the pages in ● for reference.



**1** SET/REC (record) button

● ● ● ● ●

**2** OGM (outgoing message) button

● ● ● ● ●

**3** TIME button ● ●

**4** ERASE button ● ●

**5** Display

**6** ANSWER ON/OFF button ● ● ● ●

**7** MEMO button ● ●

**8** Answer on indicator ● ●

**9** Digital message shuttle ● ●

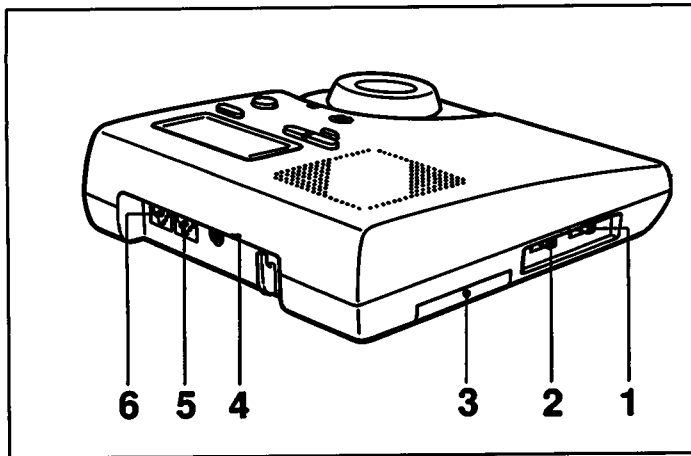
**10** PLAY/STOP button ● ● ● ●

**11** Microphone ● ●

**12** VOL (volume) control ● ● ● ●

**13** Speaker

## → Identifying the parts



**1** MODE SELECT switch ②

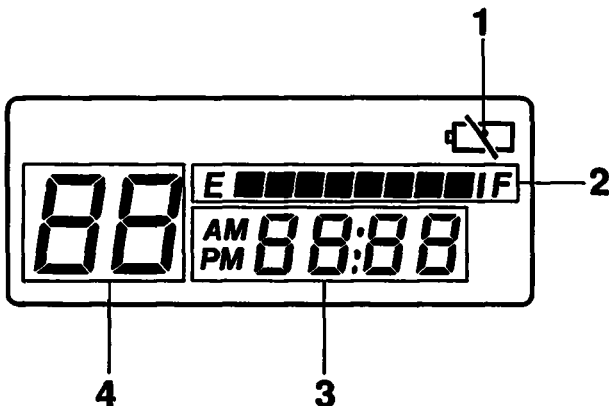
**2** RINGER switch ②

**3** Battery compartment ①③


**4** DC IN 12V jack ①②

**5** LINE jack ①②

**6** TEL (telephone) jack ①②



## 1 Battery warning

The  mark appears when batteries are low or not inserted in the answering machine.

## 2 Memory Indicator

Indicates the approximate memory usage, from E(Empty) to F(Full).

Outgoing message, memo messages and incoming messages all occupy memory.

- The black boxes increase as the free memory decrease.
- When the boxes flash, the memory is almost full. (You should erase old messages.)

## 3 Time

Indicates the current time.

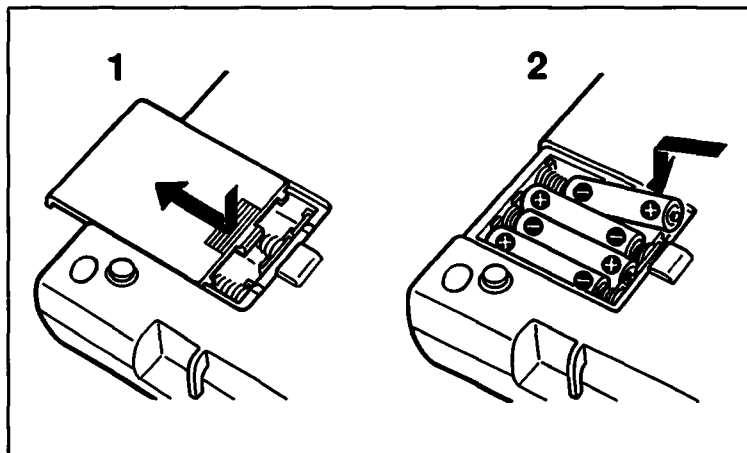
- During message recording, indicates the time elapsed.
- During message playback, indicates the remaining time of the message being played back.
- Flashes when time has not been set or when power interruption occurs.

## 4 Message counter

- Indicates the number of new messages. (Flashes when there are new messages.)
- During message playback, indicates the number of the current message.
- Shows "F" when memory is completely full.

# Inserting the batteries

To make sure your recorded messages and settings are not lost during a power interruption (such as the AC plug being accidentally disconnected, or a temporary power failure), we recommend that you insert batteries as a backup to your AC power source.



**!**

When replacing the batteries, make sure the answering machine is plugged into an AC outlet, or all your messages and user settings will be lost.

**1**


**Slide open the battery compartment cover.**

**2**

**Insert four size AAA (R03) batteries (supplied).**

**Make sure the ⊕ and ⊖ on the batteries match the ⊕ and ⊖ in the battery compartment.**



The  mark appears on the display when batteries are not inserted in the answering machine.



Replace the batteries about once a year.

**Slide the cover back until it snaps into place.**

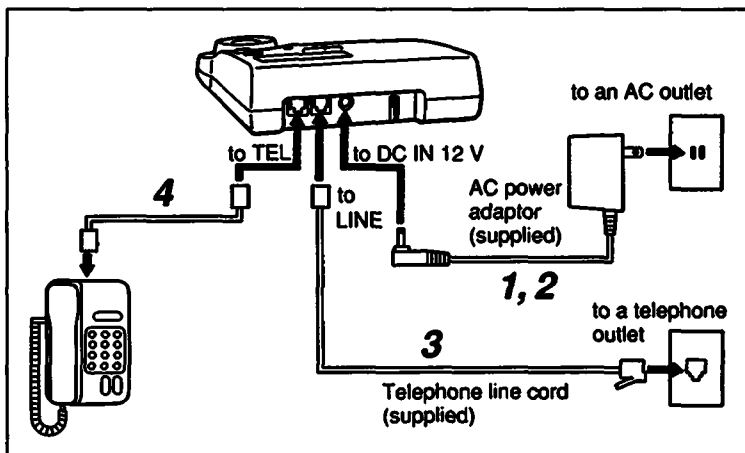
The  mark on the display disappears, indicating batteries are inserted.

#### ■ Backup duration

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The regular (manganese) batteries provide backup power if an AC power failure occurs. The backup duration is approximately 6 hours. Alkaline batteries can also be used, and they give a longer backup duration.

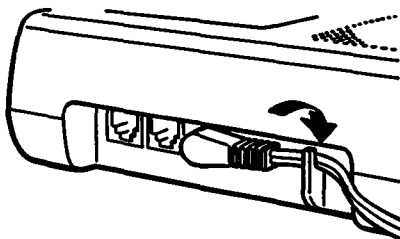
# Connecting the answering machine



## **1** Connect the answering machine to an AC outlet.

- 1 Plug one end of the AC power adaptor (supplied) into the DC IN 12V jack.
- 2 Plug the other end into an AC outlet.

## **2** Pass the AC power adaptor cord around the hook.





**!**

Contact your telephone company if the telephone outlet is not a modular phone jack.

**!**

Skip this step if you do not want to connect the answering machine to a telephone.

### **3** Connect the answering machine to a telephone outlet.

---

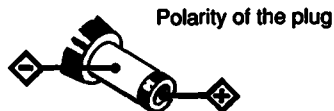
- 1 Plug one end of the telephone line cord (supplied) into the LINE jack on the answering machine.
- 2 Plug the other end into a telephone outlet.

### **4** Connect the answering machine to your phone.

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- 1 Unplug your phone from the telephone outlet.
- 2 Connect the phone to the TEL jack on the answering machine.

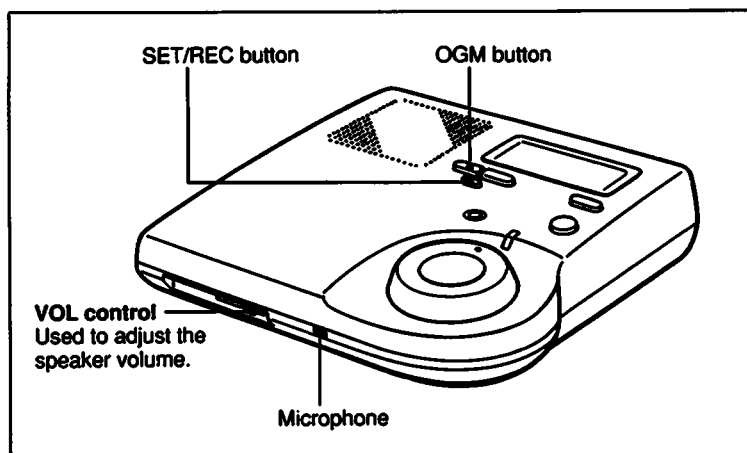
- **Note on the AC power adaptor** \_\_\_\_\_  
Use only the supplied AC power adaptor. Do not use any other AC power adaptor.



- **Note on two-line service** \_\_\_\_\_  
If you subscribe to two-line service from one wall outlet, your answering machine will operate from the first line only. The second line will not be answered.

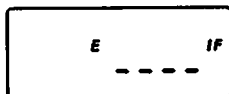
# Recording the outgoing message

The outgoing message is the message a caller hears when the answering machine answers the call. If you do not record your own outgoing messages, the prerecorded one is used. You can also record an announce-only message, which plays your recorded message for callers without recording their messages. See the "Making an announcement only" (page 38) section for details.



**1**

**Press SET/REC.**



**2**

**Press OGM.**

You hear the recorded instructions.

**!**  
If more than 20 seconds elapse between pressing buttons (except when recording), the operation is canceled and you must start over again.

---

### 3

---

!

If the 4-minute message limit is exceeded, the answering machine automatically ends the recording.

**After you hear a tone, start speaking about 30 cm (12 inches) away from the microphone.**

The message must be between 2 seconds and 4 minutes.

### 4

---

**Press SET/REC to stop recording.**

The answering machine automatically replays the message you recorded.

#### ■ Checking the outgoing message

---

Press OGM.

If no outgoing message has been recorded, the prerecorded outgoing message will be heard instead.

| If the answering machine is in                            | The prerecorded message you hear is   |
|---|---|
| Standard mode   | Hello, I am unable to answer your call right now. Please leave your name, number, and message after the tone. |
| Announcement mode<br>(MODE SELECT switch set to ANN ONLY) | Hello, I am unable to answer your call right now. Please call again. Thank you.                               |

!

The prerecorded outgoing message cannot be erased.

#### ■ Erasing the outgoing message

---

Press OGM and while the outgoing message is being replayed, press ERASE.

The answering machine announces that the message is erased.

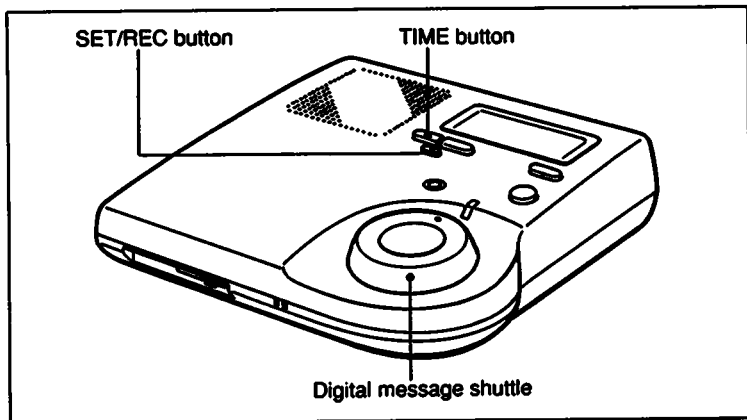
#### ■ Notes

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- A new outgoing message always erases the old outgoing message.
- The user-recorded outgoing message occupies memory.

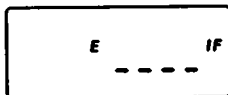
# Setting the day and time

Setting the correct day and time enables you to know when a message was recorded, as each message is stamped with the day and time.



## 1 Set the day.

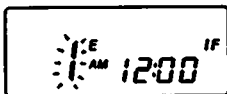
### 1 Press SET/REC.



**!**  
If more than 20 seconds elapse between pressing buttons (or 60 seconds during the time setting), the operation is canceled and you must start over again.

### 2 Press TIME.

The day position starts flashing.  
(The example below shows today is Sunday.)



**!**  
The answering machine also announces the day of the week.

!

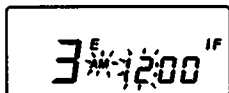
Sunday is represented by 1, Monday by 2, Tuesday by 3, Wednesday by 4, Thursday by 5, Friday by 6, and Saturday by 7.

- 3 Use the digital message shuttle to select the day.**

Turn it clockwise to advance the day, or counterclockwise to go back.

- 4 Press SET/REC to finish setting of the day.**

The hour position begins flashing.  
(The example below shows the time at 12 a.m.)



## **2 Set the time.**

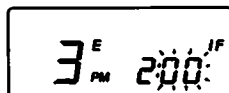
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- 1 When the hour position is flashing, use the digital message shuttle to set the time.**

Turn it clockwise to increase the hour, or counterclockwise to decrease it.

- 2 Press TIME.**

The minute position starts flashing.



- 3 Turn the digital message shuttle to set the correct time.**

- 4 Press SET/REC.**

The answering machine announces the day and time you just entered.

## **■ Checking the day and time**

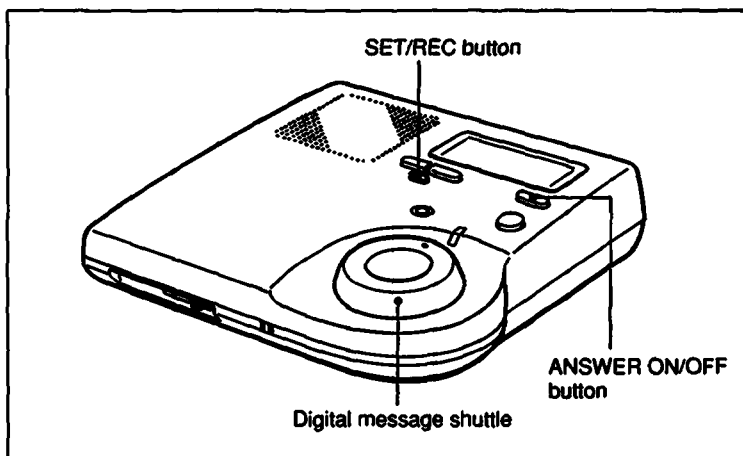
---

Press TIME.

The answering machine announces the day and time.

# Setting the security code

By setting up a security code, you can operate the answering machine from a remote phone. This can be particularly helpful, for example, to "pick up" your messages when you are on the road.

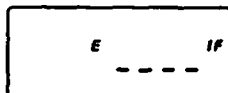


!

If more than 20 seconds elapse between pressing buttons, the operation will be canceled and you must start over again.

1

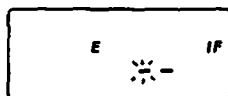
Press SET/REC.



2

Press ANSWER ON/OFF.

The first digit position of the 2-digit security code flashes.



### 3

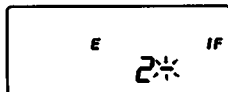
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Turn the digital message shuttle to select a number between 0 to 9.  
The first digit is selected.

### 4

---

Press **ANSWER ON/OFF**.  
The second digit position flashes.



### 5

---

Turn the message shuttle to select a number again.  
The second digit is selected.

### 6

---

Press **SET/REC**.  
You hear a confirmation beep, indicating the security code is set.

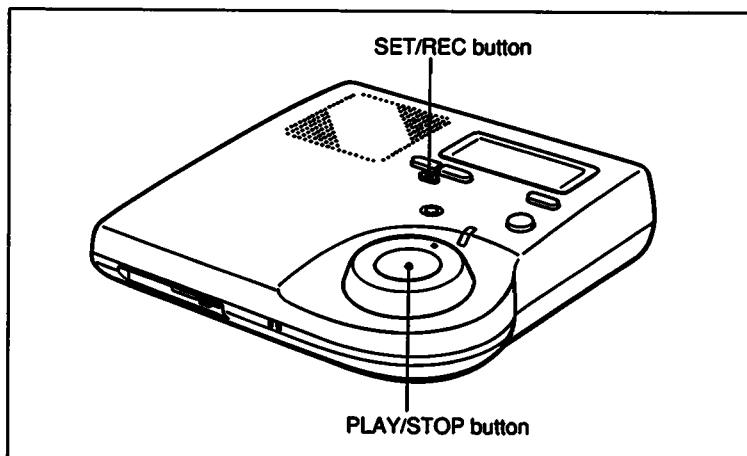
- **Changing the security code** \_\_\_\_\_  
Repeat steps 1 to 6 above.

!

To keep your security code confidential, the answering machine does not announce it for your confirmation.

# Turning the message alarm on or off

When there are new messages, the message counter and answer on indicator flash. If the message alarm is also turned on, the answering machine beeps continuously as well.

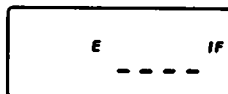


**1**

**!**

If more than 20 seconds elapse between pressing buttons, the operation is canceled and you must start over again.

**Press SET/REC.**



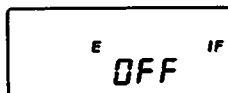
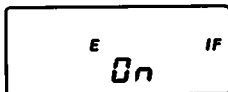


## 2

---

### **Press PLAY/STOP.**

Each time you press PLAY/STOP, the message alarm is turned on or off.



## 3

---

### **Press SET/REC.**

The answering machine announces that the message alarm is turned on or off.

### **■ Stopping the beeps**

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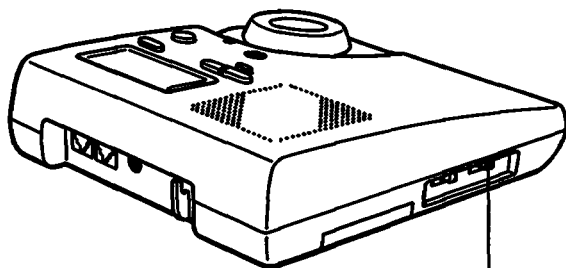
Once you notice that there are new messages and you do not want the continuous beeps, you can press any button and the beeps will stop.

The message alarm function, however, remains active so that the beeps will start again when new messages come in.

# Starting the answering machine

## Setting the answer mode

The MODE SELECT switch controls how the answering machine will respond to incoming calls. There are three modes: TS, 5, and ANN ONLY. Normally, set it to TS.



MODE SELECT switch

### ■ Description of the answer modes

| Mode                              | Useful when   | How the answering machine works  |
|-----------------------------------|---|--|
| <b>TS</b><br>(Toll saver)         | You are away from home.   | If new messages are recorded, the answering machine answers after 3 rings. If no messages are recorded, it answers after 5 rings. When you call from a pushbutton phone and hear more than 3 rings, you know that there are no new messages. |
| <b>5</b>                          | You are at home.  | The answering machine always rings 5 times and then answers the call.  |
| <b>ANN ONLY</b><br>(announcement) | You want to make an announcement to the callers but do not want the answering machine to record any messages. | See the "Making an announcement only" (page 38) section for details.   |

## ■ **Note on memory**

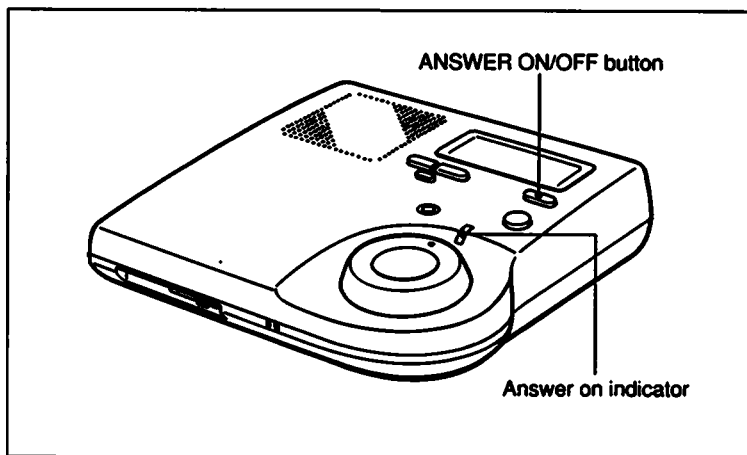
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If the memory is completely full, then the TS and 5 modes will be ignored and the answering function, when turned on, will automatically be set to the announcement only mode.

## ➔ Starting the answering machine

### Turning the answering function on or off

When the answering function is turned on, the answering machine is ready to answer incoming messages.



!

The answering machine also announces the change.

#### **Press ANSWER ON/OFF.**

Each press of ANSWER ON/OFF turns the answer on indicator on or off. When the answer on indicator lights, the answering function is active; when the indicator goes off, the answering function becomes inactive.

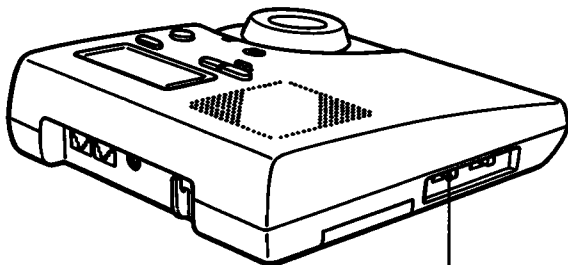
#### ■ **Note**

Even when the answering function is turned off, the answering machine will answer a call after 10 rings.

This is useful when you want to control the answering machine remotely from a pushbutton phone. See the "When you are away from home" (page 35) section for more information.

## Turning the ringer on or off

The answering machine rings when a call comes in. If you do not want to be disturbed by the rings, you can turn the ringer off.



RINGER switch



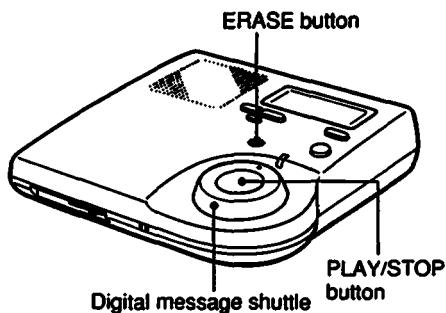
Once connected, the answering machine rings instead of your phone.

**Slide the RINGER switch to ON to turn the ringer on, or to OFF to turn it off.**

## Playing back messages

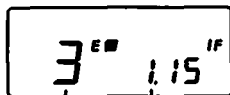
### Starting playback

The digital message shuttle lets you play back new messages. If there are no new messages, then the old ones are played back instead.



**Press PLAY/STOP.**

Messages are played back in the order they were recorded. The sequence is indicated on the display.



Remaining time of  
current message

Order of current message

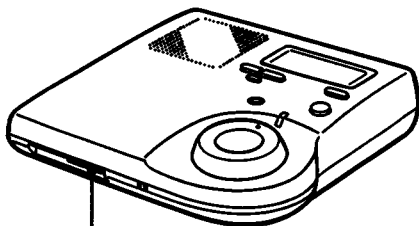
**!**

Even when the message counter returns to zero, the messages still remain in the memory until your erase them. We recommend that you regularly erase the old messages.

When all the messages are played back, the message counter returns to zero and the playback stops.

## Adjusting the speaker volume

The VOL control adjusts the volume of the speaker. It has no effect on recording.



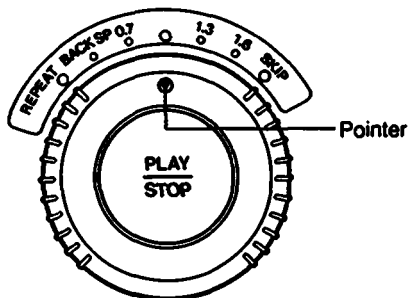
VOL control

**Slide the VOL control to the right to increase the volume, or to the left to decrease it.**

## → Playing back messages

### During playback of each message

During playback of each message, you can perform various operations using the digital message shuttle.



Change in playback speed does not affect the speed at which the time/day stamp is announced.

#### ■ Changing playback speed

Turn and hold the digital message shuttle with the pointer pointing approximately at one of the following:

- 0.7 Replays at 0.7 times (30% slower than) the normal speed
- 1.3 Replays at 1.3 times (30% faster than) the normal speed.
- 1.6 Replays at 1.6 times (60% faster than) the normal speed.

#### If you want to keep playback at the new speed

While holding the digital message shuttle at the new speed press PLAY/STOP.

The new speed will remain effective until all the messages are replayed.

If you want to return to the normal speed immediately, turn the digital message shuttle and release it.



■ **Back space** \_\_\_\_\_

Turn the digital message shuttle until the pointer is approximately at the **BACK SP** indication.

The answering machine goes back by about 5 seconds then resumes playback.

■ **Repeating the message** \_\_\_\_\_

Turn the digital message shuttle until the pointer is approximately at the **REPEAT** indication.

Playback resumes from the beginning of the current message.

■ **Jumping to the previous message** \_\_\_\_\_

During the first 2 seconds of the current message, turn the digital message shuttle until the pointer is approximately at the **REPEAT** indication.

The answering machine jumps to the previous message then resume playback.

■ **Skipping the current message** \_\_\_\_\_

Turn the digital message shuttle until the pointer is approximately at the **SKIP** indication.

The answering machine skips to the beginning of the next message.

■ **Stopping playback** \_\_\_\_\_

Press **PLAY/STOP**.

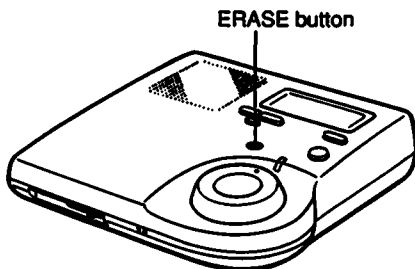
Playback stops.



If the message being replayed is new, the message counter is updated to report all unplayed messages, including the current message.

# Erasing messages

You can erase each message during its playback, or erase all messages after they are played back. Once erased, they cannot be recovered. Your outgoing message, however, is not erased.



## ■ Erasing one message at a time

**During the message playback, press ERASE.**

The message is erased and the answering machine moves to the next message.



The operation is canceled if there are still any new messages (messages you have not played back yet).

## ■ Erasing all replayed messages

**When the answering machine is not playing back any messages, press ERASE.**

The answering machine announces that all of your messages, including memo messages, have been erased.

# Calling from a remote phone

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You can call from a pushbutton (tone) phone and "pick up" new messages recorded on the answering machine, using the control codes for remote operations. However, you must first set the security code (see page 22) and turn on the answering function.

## 1

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**Call your phone number from a pushbutton phone.**

## 2

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**!**

If you make a mistake, you can try again, up to three times and you will be disconnected. Also, if you do not enter the security code within 20 seconds, you will be disconnected too.

**While you hear the outgoing message, press # and your security code.**

The two digits must be entered within two seconds apart.

If there are new messages, playback starts. Otherwise the answering machine waits for you to enter further commands. For details, see the "Control codes for remote operations" (page 36) section.

### ■ Using the toll-saver feature (TS) —————

When the MODE SELECT switch is set to TS, if any new messages are recorded, the answering machine answers after 3 rings. If no new messages are recorded, it answers after 5 rings. When you call from a pushbutton phone and hear more than 3 rings, you know that there are no new messages.

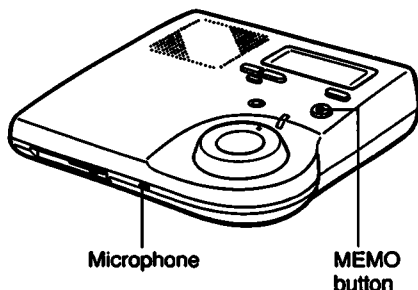
For more information, see also "Setting the answer more" (page 26) section.

# Control codes for remote operations

| Code | Task                            | Task description  | Note   |
|------|---------------------------------|---|--|
| #2#  | Message playback                | Plays back new messages since your last call.   | The answering machine stops every 4 minutes and waits for your further commands. So, press #2# every four minutes while listening to your messages.  |
| #1#  | Repeat                          | Repeats the current message.  | If the operation is done within the first 2 seconds of a message, the answering machine will jump to the previous message instead.   |
| #3#  | Skip                            | Skips to the beginning of the next message.   | —  |
| #4#  | Erase                           | Erase all message   | Erase all messages that have been played back.   |
| *0*  | Turn on the answering function  | Turns on the answering function so that callers can record messages.                              | If the answering function is not turned on, you can wait until the phone rings 10 times. When the outgoing message plays, press # and enter the security code, then press *0* to turn on the answering function. |
| #0#  | Turn off the answering function | Turns off the answering function so that the answering machine will not "pick up" incoming calls. | —  |
| *7*  | Record outgoing message         | Record a new outgoing message (between 2 seconds and 4 minutes)                                   | Press ** to finish recording. See also the "Recording an outgoing message" (page 18) section.  |
| **   | Interrupt operation             | Interrupts the current operation and waits for another control code.                              | —  |

# Recording a memo message

You can leave a memo message as a reminder for yourself or other users of the answering machine. More than one memo messages can be recorded. The memo messages can also be listened to when you are away from home, using the control codes for remote operations.



**1**

**Press MEMO.**

You hear the recorded instructions.

**2**

**After you hear the tone, start speaking about 30 cm (12 inches) away from the microphone.**

The message must be between 2 seconds and 4 minutes.

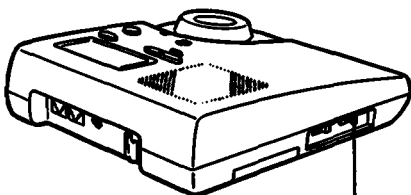
**3**

**Press MEMO to finish.**

The message counter increases by one.

# Making an announcement only

Use this feature when you want to make an announcement to the callers without accepting incoming messages. Examples are when you are away on a long vacation or after business hours.



MODE SELECT switch

!

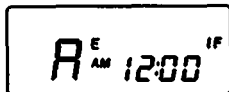
If no outgoing message is recorded, the prerecorded outgoing message will be used (see page 19).

- **Preparing a message for announcement** — See the "Recording an outgoing message" (page 18) section and record an outgoing message appropriate for announcement purpose. Any outgoing message recorded earlier will be erased as the announcement and outgoing messages both share the same memory area.

!

The announcement mode can always be set whether the memory is completely full or not.

- **Setting the announcement mode** — Slide the MODE SELECT switch to ANN ONLY. The message counter is changed to "A", indicating the announcement mode is active.



When a call comes in, the answering machine will make the announcement, then hang up automatically.

## **Precautions**

### **On safety**

- Do not unnaturally bend or crimp the cord, and do not place heavy objects on it. Damage to the cord may result in fire or electric shock.
- If the cord or plug is damaged or gets frayed, do not continue to use it. Contact your local Sony dealer for a replacement.
- To remove the AC power adaptor from an AC outlet, pull on the plug. (Do not pull on the cord.)
- Do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.
- Do not put foreign objects into the unit.
- Do not put anything in the DC IN 12V (external power input) jack except the supplied AC power adaptor.
- Do not drop the unit as a malfunction may result.

### **On power source**

- The AAA (R03) batteries are used to backup the memory contents.
- Operate the unit only on 12V DC. Use the AC power adaptor supplied with the unit. Do not use any other AC power adaptors as they may cause malfunction.
- Plug the unit into an AC outlet that has a continuous power supply. Avoid outlets where power may be cut off.

## → Precautions

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### On installation

Do not expose the unit to:

- heat sources such as radiators or air ducts.
- extremely low temperatures.
- direct sunlight.
- excessive dust.
- moisture or rain.
- mechanical vibration or shock.
- inclined position.
- devices (such as speakers or TVs) which contain magnets or generate magnetic fields.

## Maintenance

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### Cleaning the cabinet

Clean the cabinet with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as they may damage the finish of the cabinet.



# Troubleshooting

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## Problem

## Solution

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### Recording

You cannot record your outgoing message properly.

- Keep your message between 2 seconds and 4 minutes.
- See the "Recording an outgoing message" section (page 18).

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### Receiving calls

The answering machine does not ring.

- Set the RINGER switch to ON.

The answering machine does not record incoming messages.

- Make sure the answering function is turned on.
- Make sure the MODE SELECT switch is not set to ANN ONLY.
- Make sure the memory is not full; if necessary erase some or all of the messages.
- Make sure the AC power adaptor and the telephone line cord are firmly connected.
- Try to find out if there was a power interruption.

The answering machine quits recording before callers finish leaving their messages.

- Callers cannot leave message that are longer than the 4 minutes.
- Callers must speak loud enough when recording their message.  
The call is disconnected if no voice is heard for 7 seconds or more.

## → Troubleshooting

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| Problem   | Solution   |
|---|--|
| <b>Using remote operations</b>                                |  |
| You hear error beeps when you enter your security code.       | <ul style="list-style-type: none"><li>• Make sure the correct security code is entered.</li></ul>  |
| A long beep does not sound when you enter your security code. | <ul style="list-style-type: none"><li>• Enter your security code as you hear the outgoing message begin to play.</li><li>• Make sure you are calling from a pushbutton (tone) phone.</li></ul> |
| <b>Playback</b>   |  |
| Playback speed cannot return to normal.                       | <ul style="list-style-type: none"><li>• Turn the message shuttle in either direction to release the speed lock.</li></ul>  |

# Specifications

## General

### Power source

DC 12V from AC power adaptor; DC 6V using four size AAA(R03) batteries (for memory backup)

### Battery back-up duration

Approximately 6 hours

### Dimensions

Approximately 169.5 x 45.5 x 177 mm (w/h/d)  
(6 <sup>3</sup>/<sub>4</sub> x 1 <sup>7</sup>/<sub>8</sub> x 7 inches)

### Mass

Approximately 450 g (1 lb), batteries excluded

### Supplied accessories

AC power adaptor AC-T62 (1)  
Size AAA(R03) batteries (4)  
Telephone line cord (1)  
Operating instructions (1)  
Remote control card (1)

## Answering machine

### Outgoing message

Incorporated IC, up to 4 minutes

### Incoming message

Incorporated IC, up to 4 minutes

### Memo message

Incorporated IC, up to 4 minutes

Design and specifications are subject to change without notice.

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**TELECOMMUNICATIONS HELPLINE  
(201) 391-6111**

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AND COMMENTS ON  
SONY TELEPHONE PRODUCTS.**